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ABSTRACT

Six tables present data on nationwide school enrollment among various socioeconomic and demographic groups in 1980 and earlier years. The data reveal no significant changes from 1979, according to the authors, except for an increase in preprimary enrollment and a decrease in college enrollment among people over 35. The major educational trends of the 1970s continued into 1980, particularly the decline in elementary-secondary enrollments and the fluctuation in college enrollment. Three tables give data on 1965-1980 enrollment among persons aged 3 to 34, broken down by educational level, race, Spanish origin, age, sex, or public or private control of the school. The remaining tables cover college enrollment from the 1960s or 1970s to 1980, separating the data by such factors as sex, age, race, Spanish origin, high school graduation, part- or full-time attendance, and graduate, undergraduate, or two-year program level. (RW)

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Population Characteristics

Series P-20, No. 362
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School Enrollment-Social and Economic Characteristics of Students: October 1980 (Advance Report)

This report presents a summary of trends in school enrollment based on data collected in the October 1980 and earlier Current Population Surveys.

In October 1980, about 57.3 million persons 3 to 34 years old were enrolled in school, not significantly different from the number enrolled in October 1979. A downward trend in the late 1970's was caused primarily by the decline in the elementary-school-age and high-school-age populations. There was an increase in preprimary enrollments but no significant change in college enrollment from 1979 to 1980.

Nursery school enrollment reached 2.0 million in 1980, significantly above the 1.1 million enrollment of 1970. Most nursery school enrollment has remained in the private sector, unlike enrollment at other levels. While some fluctuations in kindergarten enrollment occurred during the decade, the 1980 enrollment figure of 3.2 million was not different from the 1970 figure. Elementary school enrollment in 1980 (27.4 million) was about one-fifth below the 1970 figure. This decline of about 6.5 million students enrolled in elementary schools during the decade is entirely the result of the decline in elementary school age population. The decrease in the number of births began in the early 1960's and followed about 15 years of increases in births during the "baby boom." Since 1977, however, the number of births has been climbing slowly.[1] This slight increase in births may cause an end to the decline in elementary enrollment in the next few years. Private elementary school enrollment declined in the decade, mostly in the early years of the decade. In 1980, about 11 percent of elementary school students attended private schools, not significantly different from the proportion in 1970 but significantly less than the 15 percent in 1965.

Total high school enrollment of 14.6 million in 1980 exhibited a 1-year decline of about 560,000 students. The apparent downward trend since 1977 is the result of the population decline in the eligible age group. There has been a decline of at least 1 million students in high school since the 1975-77 period when enrollment remained around 15.7 million.

College enrollment for persons under 35 years old has been fluctuating around 10 million since 1976. Minor annual shifts in enrollment estimates based on sample data have not been statistically significant over the period. The figure for Blacks enrolled in college has remained around 1 million during the same period. In the first half of the decade the number of Black college students increased by a greater percent than the remainder of the population. Since 1976, the proportion of all college students who were Black (about 10 percent) has been at least equal to the proportion of persons in the eligible population who were Black (14- to 34 year old high school graduates).

In addition to the 10.2 million persons 14 to 34 years old enrolled in college, there were about 1.2 million students 35 years old and over; women outnumbered men 2 to 1. The number of persons 35 years old and over enrolled in college grew rapidly in the early 1970's and has fluctuated some since then. There was some evidence of decline in enrollment for both men and women from 1979 to 1980; this was the first year a decline was evident for women since data on students 35 years old and over were first collected in 1972 (table 4).

In the 1975-80 period, college enrollment of persons 14 to 34 years old and over grew by one-half million as a result of a gain of 1 million women combined with a decline of one-half million men (table 4). For women, there was at least some evidence of an increase for every age group except those under 20 years old. The decrease for men may have been the result of changes in eligibility for the GI Bill among veterans. These changes (announced in 1974) specified that a large group of veterans would no longer be eligible for education benefits after 1975. A sudden surge in college enrollment under the GI Bill occurred shortly after the

[1] National Center for Health Statistics, *Monthly Vital Statistics Report*, Vol. 28, No. 13; Vol. 29, No. 1; and Vol. 29, No. 11.

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announcement.[2] By the late 1970's, enrollment of men 25 to 29 had returned to levels of the early 1970's. During the same period, enrollment for women had grown.

Enrollment rates have not exhibited any startling single year changes since 1975 for any age groups shown in table 2, however, 1980 enrollment rates were substantially higher than 1975 rates among persons below compulsory school attendance ages. For 3- and 4-year-olds, primarily enrolled in nursery school, the enrollment rate grew from 32 to 37 percent in 5 years. The rate has more than tripled since 1965 when it was 11 percent. Whereas some years ago kindergarten enrollment was not universal, recent evidence shows that since the mid-1970's almost all eligible children have been enrolled. In 1980, 96 percent of 5- and 6-year olds were attending school (usually in kindergarten and first grade); in 1965, the figure was 85 percent. Among young children, there were no differences in enrollment between boys and girls.

Because some of the largest cohorts of the "baby boom" era entered college attendance ages in the 1970's, there could have been substantial growth in the number of students without increases in enrollment rates. In fact, if men and women were enrolled in college in 1980 at the same age-specific rates as in 1970 (based on age groups in table 6) taking into account the changes in proportion of young men in the Armed Forces, there would have been about 1.7 million more college students enrolled in 1980 than in 1970. Current enrollment estimates, however, actually show an increase of 2.8 million students from 1970 to 1980, which was caused by changes in enrollment rates as well as by population growth. This involved different contributions of men and women. For men, although the number enrolled rose, the rate of enrollment declined slightly and consequently there were about 400,000 fewer male students 16 to 34 years old than would be expected at the 1970 college enrollment rates. Enrollment for women grew and the actual 1980 number enrolled was 1.5 million greater than would have been expected based on 1970 enrollment rates. Expected total enrollment growth caused only by population growth would have been 22 percent from 1970 to 1980; instead enrollment grew by 37 percent.

College Enrollment of Persons 16 to 34 Years Old

(In thousands)

	1970	1980 expected[1]		1980 actual		Difference 1980 actual–expected
		Number	Change 1970-80	Number	Change 1970-80	
Total	7,414	9,071	1,657	10,174	2,760	1,103
Men	4,401	5,437	1,036	5,023	622	–414
Women	3,013	3,634	621	5,151	2,138	1,517

[1] Based on 1970 enrollment rates.

As noted previously, among college-age persons, there were increases in the enrollment rates among women and decreases among men in the 1970-80 period. The decreases among men are in part consequences of two events, both involving the military. First, the enforcement of a GI Bill delimiting date caused a sudden rise and then fall in enrollment under the GI Bill in the mid-1970's (discussed above). The second is an artifact of the universe on which the rates were calculated: the civilian noninstitutional population. As young men were discharged from military service after the Vietnam era, they returned rapidly to the civilian population but not as rapidly to the college population, therefore they increased the base but not the numerator for the enrollment rate calculations.[3] Consequently, part of the explanation for the drop in rates for men 18 to 21 (table 2) is the change in population base on which the rates are computed. For women, neither of these occurrences involving the Armed Forces had a significant effect on enrollment. Instead, there has been a reasonably steady increase in enrollment rates for women. The percent of the total population enrolled in college or in the Armed Forces in 1970 and 1980 follows:

Year and Age	Men		Women enrolled in college
	Enrolled in college	In Armed Forces	
October 1970			
18 and 19 years. .	36.6	8.9	34.6
20 and 21 years. .	31.3	23.4	22.3
22 to 24 years. . .	17.6	14.5	8.9
25 to 29 years. . .	10.0	5.6	3.7
30 to 34 years. . .	4.5	4.6	2.6
October 1980			
18 and 19 years. .	32.1	6.4	37.6
20 and 21 years. .	29.0	8.5	28.2
22 to 24 years. . .	16.2	6.0	14.4
25 to 29 years. . .	9.1	3.9	8.3
30 to 34 years. . .	4.9	3.0	6.7

Enrollment rates by age in table 2 include enrollment at all levels of school. At some ages, there is overlap between two levels—most notably among 18- and 19-year-old students of whom 23 percent were enrolled in high school and 77 percent in college in October 1980. For 20- and 21-year-old students, only 4 percent were in high school; the rest were in college. Since high school enrollment rates for these ages have remained fairly stable, it is reasonable to assume that fluctuations in enrollment rates were the result of changes in college enrollment for these ages, rather than high school enrollment, as may be substantiated in detail in the final school enrollment reports issued annually.

[2] Veterans Administration, Office of the Controller, Reports and Statistics Service, *Veterans Benefits Under Current Educational Programs,* Information Bulletins (IB-04-77-3), (IB-04-78-3), (IB-04-79-5), (IB-04-80-6) and U.S. Bureau of the Census, Current Population Reports, Series P-20, No. 319, *School Enrollment—Social and Economic Characteristics of Students: October 1976.*

[3] U.S. Bureau of the Census, Current Population Reports, Series P-20, No. 3, *School Enrollment—Social and Economic Characteristics of Students: October 1979*, table A-3.

In addition to the increase in enrollment during the decade resulting from the rise in the number of women enrolled, one-half of the growth in college enrollment was the result of increases in part-time students (table 1). Most part-time students take only one or two courses. During the first half of the decade, there was some growth in full-time enrollment, but in the second half of the decade, virtually all of the growth was in part-time enrollment. Thirty percent of all college students 14 to 34 years old were attending part time in 1980 compared with 27 percent in 1975 and 22 percent in 1970. For the entire decade, the number of part-time students increased by a substantially greater percentage than the number of full-time students. There was an 84-percent rise for part-time compared with a 24-percent growth in the number of full-time students from 1970 to 1980.

Among undergraduates 14 to 34 years old, about 44 percent of the growth in college enrollment was in 2-year colleges (table 5) during the decade. Two-year college enrollment climbed by 58 percent and 4-year enrollment rose by 27 percent. Among undergraduates, the greatest percent increase has been among persons 25 to 34 years old; their number doubled in the decade. They were most likely to be attending part time (about two-thirds compared with 16 percent of younger undergraduates). About 45 percent of 25- to 34-year-old undergraduates were enrolled in 2-year colleges compared with 28 percent of younger undergraduates.

Enrollment patterns of traditional age undergraduates (under 22 years old) have not changed substantially in the decade. Close to three-fourths (73 percent) were enrolled in 4-year colleges in 1980. There is some evidence that this is only slightly below the proportion in 4-year colleges in 1970. About 90 percent were attending full time in 1980 compared with 93 percent in 1970. Changes in college enrollment characteristics in terms of full-time status, type of college, and enrollment rates have been caused primarily by patterns of change among older students, rather than by changes among the traditional age students.

METHODOLOGICAL NOTES ON PRIVATE SCHOOL AND SPANISH ORIGIN POPULATION

Data distinguishing public and private school enrollment are not presented for high school and college levels in 1980. Because of an error in the public/private enrollment questions on the 1980 questionnaire, the data were not comparable with those for earlier years. Data on enrollment in public and private nursery school, kindergarten, or elementary school were not affected and are shown in this report. A report prepared by the National Center for Education Statistics[4] shows that private college enrollment did not change substantially from 1979 to 1980.

Since 1972, Spanish origin for children under 14 has been allocated from a parent in the household rather than directly reported. Starting in 1980, Spanish origin is directly reported for all persons. Under the old procedure, the number and proportion of children 3 to 13 years old who were of Spanish origin were underestimated by about 10 percent. The change affects the total number of children enrolled in nursery school, kindergarten, and elementary school reported as Spanish origin but does not affect enrollment rates. Further discussion will appear in the forthcoming report, *School Enrollment—Social and Economic Characteristics of Students: October 1980.*

[4] National Center for Education Statistics, Early release NCES 81-342, *Fall Enrollment in Colleges and Universities, 1980 (Preliminary Estimates).*

Table 1. School Enrollment of Persons 3 to 34 Years Old, by Level and Control of School, Race, and Spanish Origin: October 1965 to October 1980

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Level and control of school	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
ALL RACES												
Total enrolled	57,348	57,854	58,616	60,013	60,482	60,969	60,259	59,392	60,142	61,106	60,357	54,701
Nursery school	1,987	1,869	1,824	1,618	1,526	1,748	1,607	1,324	1,283	1,066	1,096	520
Public	633	636	587	562	476	574	423	400	402	317	333	127
Private	1,354	1,233	1,237	1,056	1,050	1,174	1,184	924	881	749	763	393
Kindergarten	3,176	3,025	2,989	3,191	3,490	3,393	3,252	3,074	3,135	3,263	3,183	3,057
Public	2,690	2,593	2,493	2,665	2,962	2,851	2,726	2,582	2,636	2,689	2,647	2,439
Private	486	432	496	526	528	542	526	493	499	574	536	618
Elementary school	27,449	27,865	28,490	29,234	29,774	30,446	31,126	31,469	32,242	33,507	33,950	32,474
Public	24,398	24,756	25,252	25,983	26,698	27,166	27,956	28,201	28,693	29,829	30,001	27,596
Private	3,051	3,109	3,238	3,251	3,075	3,279	3,169	3,268	3,549	3,678	3,949	4,878
High school	14,356	15,116	15,475	15,753	15,742	15,683	15,447	15,347	15,169	15,183	14,715	12,975
Public	(NA)	13,994	14,231	14,505	14,541	14,503	14,275	14,162	14,015	14,057	13,545	11,517
Private	(NA)	1,122	1,244	1,248	1,201	1,180	1,172	1,184	1,155	1,126	1,170	1,457
College	10,180	9,978	9,838	10,217	9,950	9,697	8,827	8,179	8,313	8,087	7,413	5,675
Public	(NA)	7,699	7,427	7,925	7,739	7,704	6,905	6,224	6,337	6,271	5,699	3,840
Private	(NA)	2,280	2,410	2,292	2,211	1,994	1,922	1,955	1,976	1,816	1,714	1,835
College:												
Full time	7,147	7,010	6,979	7,196	7,176	7,105	6,351	6,089	6,314	6,204	5,763	4,414
Percent	70.2	70.3	70.9	70.4	72.1	73.3	71.9	74.4	76.0	76.7	77.7	77.8
Part time	3,033	2,968	2,859	3,021	2,773	2,592	2,476	2,090	1,999	1,883	1,650	1,261
WHITE												
Total enrolled	47,673	48,225	48,863	50,151	50,761	51,430	50,992	50,617	51,314	52,081	51,719	47,451
Nursery school	1,637	1,537	1,456	1,314	1,246	1,432	1,340	1,087	1,079	888	893	451
Public	432	428	351	372	318	392	293	242	285	225	198	93
Private	1,205	1,110	1,105	942	929	1,040	1,048	845	794	664	695	358
Kindergarten	2,595	2,437	2,452	2,611	2,881	2,845	2,745	2,584	2,633	2,735	2,706	2,648
Public	2,172	2,069	2,009	2,153	2,423	2,363	2,268	2,139	2,185	2,207	2,233	2,086
Private	423	368	444	458	457	483	477	445	448	527	473	562
Elementary school	22,510	22,959	23,524	24,262	24,776	25,412	26,051	26,531	27,185	28,187	28,638	27,679
Public	19,743	20,174	20,551	21,312	21,947	22,351	23,063	23,506	23,869	24,720	24,923	22,976
Private	2,768	2,785	2,973	2,950	2,829	3,059	2,990	3,025	3,316	3,466	3,715	4,703
High school	12,056	12,583	12,897	13,152	13,214	13,226	13,073	13,091	12,959	12,998	12,723	11,356
Public	(NA)	11,549	11,741	11,980	12,093	12,112	11,966	11,967	11,876	11,937	11,599	9,961
Private	(NA)	1,033	1,156	1,172	1,121	1,112	1,107	1,124	1,083	1,061	1,124	1,395
College	8,875	8,709	8,514	8,812	8,644	8,516	7,781	7,324	7,458	7,273	6,759	5,317
Public	(NA)	6,672	6,368	6,743	6,657	6,724	6,069	5,550	5,644	5,624	5,168	3,568
Private	(NA)	2,037	2,145	2,069	1,987	1,792	1,732	1,773	1,814	1,650	1,591	1,749
College:												
Full time	6,212	6,058	5,974	6,165	6,170	6,183	5,575	5,408	5,678	5,560	5,221	4,111
Percent	70.0	69.6	70.2	70.0	71.4	72.6	71.6	73.8	76.1	76.4	77.2	77.3
BLACK												
Total enrolled	8,251	8,317	8,416	8,564	8,518	8,400	8,215	7,834	7,959	8,178	7,829	[2]7,252
Nursery school	294	278	312	250	226	276	227	210	185	151	178	72
Public	180	185	210	171	146	171	121	146	113	90	129	37
Private	115	93	102	78	80	105	106	64	72	61	49	35
Kindergarten	490	497	451	496	542	468	463	423	448	464	426	407
Public	440	443	414	447	482	426	416	391	402	422	374	353
Private	50	54	38	50	60	42	47	32	46	42	53	54
Elementary school	4,259	4,296	4,356	4,387	4,430	4,509	4,585	4,473	4,573	4,877	4,868	4,796
Public	4,058	4,053	4,154	4,166	4,256	4,344	4,455	4,277	4,[illegible]	4,712	4,668	4,620
Private	202	243	202	221	175	165	131	196	191	165	200	176
High school	2,200	2,245	2,276	2,327	2,258	2,199	2,125	2,044	2,025	2,006	1,834	1,619
Public	(NA)	2,171	2,211	2,269	2,187	2,140	2,072	1,988	1,971	1,951	1,794	1,556
Private	(NA)	74	65	59	71	59	54	56	54	55	41	62
College	1,007	1,002	1,020	1,103	1,062	948	814	684	727	680	522	358
Public	(NA)	814	822	916	887	782	659	537	582	532	422	272
Private	(NA)	188	199	187	175	166	155	147	145	148	100	86
College:												
Full time	723	748	753	803	817	742	589	536	525	534	427	218
Percent	71.8	74.6	73.8	72.8	76.9	78.3	72.4	78.3	77.3	78.5	81.8	79.6
SPANISH ORIGIN[1]												
Total enrolled	4,263	3,608	3,455	3,516	3,623	3,741	3,620	3,171	3,257	(NA)	(NA)	(NA)
Nursery school	146	89	87	75	68	85	85	68	61	(NA)	(NA)	(NA)
Public	70	50	47	30	38	47	37	41	43	(NA)	(NA)	(NA)
Private	75	39	39	46	30	39	48	27	18	(NA)	(NA)	(NA)
Kindergarten	263	226	231	220	262	235	225	171	241	(NA)	(NA)	(NA)
Public	234	210	198	206	262	218	207	165	227	(NA)	(NA)	(NA)
Private	30	16	33	14	20	17	18	6	14	(NA)	(NA)	(NA)
Elementary school	2,363	1,934	1,893	1,874	1,934	2,062	2,040	1,884	1,879	(NA)	(NA)	(NA)
Public	2,134	1,745	1,704	1,654	1,768	1,858	1,780	1,712	1,705	(NA)	(NA)	(NA)
Private	228	189	188	220	165	204	260	172	173	(NA)	(NA)	(NA)
High school	1,048	920	868	928	932	948	916	758	834	(NA)	(NA)	(NA)
Public	(NA)	875	825	836	867	886	858	707	784	(NA)	(NA)	(NA)
Private	(NA)	45	43	92	65	61	59	51	50	(NA)	(NA)	(NA)
College	443	440	377	418	427	411	354	290	242	(NA)	(NA)	(NA)
Public	(NA)	365	315	357	354	338	297	247	223	(NA)	(NA)	(NA)
Private	(NA)	75	62	60	73	53	57	43	29	(NA)	(NA)	(NA)
College:												
Full time	294	314	231	287	297	287	247	201	1[illegible]	(NA)	(NA)	(NA)
Percent	66.4	71.4	61.3	68.7	69.6	69.8	69.8	69.3	7[illegible].6	(NA)	(NA)	(NA)

[1]Persons of Spanish origin may be of any race.
[2]Enrollment figures for 1965 are for Black and other races.

Note: For explanation of absence of 1980 public and private enrollment data, see methodological notes on page 3.

Table 2. Percentage of Persons 3 to 34 Years Old Enrolled in School, by Age and Sex: October 1965 to October 1980

(Civilian noninstitutional population)

Age and sex	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
Total, 3 to 34 years	49.7	50.3	51.2	52.5	53.1	53.7	53.6	53.5	54.9	56.2	56.4	55.5
3 and 4 years	36.7	35.1	34.2	32.0	31.3	31.5	28.8	24.2	24.4	21.2	20.5	10.6
5 and 6 years	95.7	95.8	95.3	95.8	95.5	94.7	94.2	92.5	91.9	91.6	89.5	84.9
7 to 13 years	99.3	99.2	99.1	99.4	99.2	99.3	99.3	99.2	99.2	99.1	99.2	99.4
14 to 17 years	93.4	93.6	93.7	93.6	93.7	93.6	92.9	92.9	93.3	94.5	94.1	93.2
18 and 19 years	46.4	45.0	45.4	46.2	46.2	46.9	43.1	42.9	46.3	49.2	47.7	46.3
20 and 21 years	31.0	30.2	29.5	31.8	32.0	31.2	30.2	30.1	31.4	32.2	31.9	27.6
22 to 24 years	16.3	15.8	16.3	16.5	17.1	16.2	15.1	14.5	14.8	15.4	14.9	13.2
25 to 29 years	9.3	9.6	9.4	10.8	10.0	10.1	9.6	8.5	8.6	8.0	7.5	6.1
30 to 34 years	6.4	6.4	6.4	6.9	6.0	6.6	5.7	4.5	4.6	4.9	4.2	3.2
Male, 3 to 34 years	50.9	51.8	52.9	54.3	55.1	56.0	56.0	56.1	57.8	59.3	59.7	58.8
3 and 4 years	37.8	34.6	34.0	32.1	30.9	30.9	28.1	24.5	24.4	20.0	21.2	10.2
5 and 6 years	95.0	96.3	95.1	94.7	95.6	94.4	94.4	92.2	91.7	90.9	88.9	84.9
7 to 13 years	99.2	99.0	99.0	99.3	99.0	99.0	99.2	99.2	99.1	98.9	99.0	99.3
14 to 17 years	93.7	94.5	93.9	94.3	94.6	94.6	93.3	93.7	94.0	95.3	94.8	93.6
18 and 19 years	47.0	46.6	47.8	48.4	48.2	49.9	45.8	47.9	51.2	55.4	54.4	55.6
20 and 21 years	32.6	31.6	31.7	34.6	33.6	35.3	34.8	34.4	37.3	38.9	42.7	37.6
22 to 24 years	17.8	17.6	19.1	19.7	20.7	20.0	19.4	19.1	21.3	23.3	21.2	21.1
25 to 29 years	9.8	10.4	10.9	12.6	13.0	13.1	12.7	11.8	12.1	11.9	11.0	9.4
30 to 34 years	5.9	6.0	6.5	7.4	6.8	7.7	6.7	5.6	5.8	6.3	5.3	4.5
Female, 3 to 34 years	48.5	49.0	49.5	50.7	51.0	51.5	51.3	50.9	52.0	53.2	53.2	52.3
3 and 4 years	35.5	35.6	34.5	32.0	31.6	32.1	29.5	23.8	24.4	22.4	19.8	10.9
5 and 6 years	96.4	95.2	95.5	96.9	95.5	95.1	93.9	92.3	92.2	92.3	90.2	84.9
7 to 13 years	99.3	99.4	99.3	99.5	99.3	99.6	99.5	99.3	99.3	99.4	99.4	99.4
14 to 17 years	93.1	92.6	93.5	93.0	92.8	92.6	92.5	92.1	92.6	93.7	93.4	92.8
18 and 19 years	45.8	43.4	43.0	44.0	44.4	44.2	40.7	38.2	41.8	43.4	41.6	37.7
20 and 21 years	29.5	28.9	27.5	29.1	30.6	27.4	26.0	26.3	26.3	26.8	23.6	19.5
22 to 24 years	14.9	14.1	13.6	13.6	13.8	12.6	11.1	10.2	8.9	8.4	9.4	6.5
25 to 29 years	8.8	8.8	7.9	9.1	7.3	7.2	6.7	5.4	5.3	4.4	4.3	3.1
30 to 34 years	7.0	6.7	6.2	6.7	5.2	5.6	4.6	3.6	3.6	3.6	3.1	2.1

Table 3. College Enrollment of Persons 14 to 34 Years Old, by Sex, Race, and Spanish Origin: October 1965 to October 1980

(In thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Sex, race, and Spanish origin	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
ALL RACES												
Total, enrolled in college	10,180	9,978	9,838	10,217	9,950	9,697	8,827	8,179	8,313	8,087	7,413	5,675
Male	5,025	4,993	5,124	5,369	5,296	5,342	4,926	4,677	4,853	4,850	4,401	3,503
Female	5,155	4,986	4,714	4,848	4,654	4,355	3,901	3,502	3,460	3,236	3,013	2,172
Year of College												
First year	2,957	2,885	2,766	2,936	2,632	2,886	2,357	2,282	2,320	2,443	2,212	1,861
Second year	2,411	2,291	2,286	2,364	2,535	2,376	1,999	1,807	1,965	1,885	1,739	1,256
Third year	1,716	1,653	1,658	1,681	1,748	1,492	1,422	1,476	1,454	1,392	1,248	896
Fourth year	1,403	1,458	1,445	1,427	1,356	1,354	1,360	1,230	1,253	1,175	1,074	803
Fifth year or higher	1,692	1,691	1,681	1,810	1,680	1,589	1,490	1,385	1,322	1,192	1,140	859
WHITE												
Total, enrolled in college	8,875	8,709	8,514	8,812	8,644	8,516	7,781	7,324	7,458	7,273	6,759	5,317
Male	4,438	4,400	4,508	4,717	4,658	4,774	4,367	4,218	4,397	4,407	4,066	3,326
Female	4,437	4,309	4,006	4,095	3,986	3,743	3,413	3,105	3,061	2,867	2,693	1,991
BLACK												
Total, enrolled in college	1,007	1,002	1,020	1,103	1,062	948	814	684	727	680	522	274
Male	437	434	452	490	489	442	422	358	384	363	253	126
Female	570	568	569	614	573	506	392	326	343	317	269	148
SPANISH ORIGIN[1]												
Total, enrolled in college	443	440	377	418	427	411	354	290	242	(NA)	(NA)	(NA)
Male	222	226	196	223	223	219	196	167	126	(NA)	(NA)	(NA)
Female	221	214	181	194	204	192	158	123	117	(NA)	(NA)	(NA)

[1]Persons of Spanish origin may be of any race.

Table 4. Age Distribution of College Students 14 Years Old and Over, by Sex: October 1972 to October 1980

(Numbers in thousands. Civilian noninstitutional population)

Age and sex	1980	1979	1978	1977	1976	1975	1974	1973	1972
NUMBER									
Both Sexes									
Total, 14 years and over	11,387	11,380	11,141	11,546	11,139	10,880	9,852	8,966	9,096
14 to 17 years	249	311	274	274	281	293	309	295	295
18 and 19 years	2,933	2,844	2,899	2,913	2,937	2,543	2,597	2,517	2,680
20 and 21 years	2,423	2,353	2,298	2,430	2,398	2,313	2,192	2,073	2,116
22 to 24 years	1,870	1,794	1,798	1,799	1,846	1,679	1,527	1,465	1,461
25 to 29 years	1,641	1,679	1,619	1,809	1,686	1,616	1,482	1,278	1,229
30 to 34 years	1,062	996	950	992	803	853	720	551	531
35 years and over	1,207	1,402	1,303	1,329	1,189	1,183	1,025	787	783
Male									
Total, 14 years and over	5,430	5,480	5,380	5,889	5,785	5,911	5,402	5,048	5,218
14 to 17 years	96	129	106	112	105	128	145	121	141
18 and 19 years	1,369	1,341	1,391	1,396	1,391	1,426	1,262	1,293	1,366
20 and 21 years	1,246	1,192	1,202	1,280	1,209	1,256	1,206	1,120	1,170
22 to 24 years	989	975	1,028	1,036	1,073	1,011	943	937	998
25 to 29 years	853	893	922	1,035	1,067	1,025	951	867	849
30 to 34 years	472	463	474	511	431	496	420	329	330
35 years and over	405	487	457	520	489	569	476	371	365
Female									
Total, 14 years and over	5,957	5,900	5,339	5,657	5,354	4,969	4,449	3,918	3,877
14 to 17 years	153	183	168	162	176	164	163	174	153
18 and 19 years	1,565	1,503	1,507	1,517	1,546	1,517	1,335	1,224	1,314
20 and 21 years	1,178	1,161	1,096	1,151	1,189	1,058	986	944	946
22 to 24 years	882	818	770	763	773	668	584	528	464
25 to 29 years	788	786	697	774	619	590	531	411	381
30 to 34 years	590	533	476	481	352	357	300	222	200
35 years and over	802	914	845	809	700	614	548	416	418
PERCENT									
Both Sexes									
Total, 14 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years	2.2	2.7	2.5	2.4	2.5	2.7	3.1	3.3	3.2
18 and 19 years	25.8	25.0	26.0	25.2	26.4	27.0	26.4	28.1	29.5
20 and 21 years	21.3	20.7	20.6	21.0	21.5	21.3	22.2	23.1	23.3
22 to 24 years	16.4	15.8	16.1	15.6	16.6	15.4	15.5	16.3	16.1
25 to 29 years	14.4	14.8	14.5	15.7	15.1	14.9	15.0	14.3	13.5
30 to 34 years	9.3	8.8	8.5	8.6	7.2	7.8	7.3	6.1	5.8
35 years and over	10.6	12.3	11.7	11.5	10.7	10.9	10.4	8.8	8.6
Male									
Total, 14 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years	1.8	2.4	1.9	1.9	1.8	2.2	2.7	2.4	2.7
18 and 19 years	25.2	24.5	24.9	23.7	24.0	24.1	23.4	25.6	26.2
20 and 21 years	22.9	21.8	21.5	21.7	20.9	21.2	22.3	22.4	22.4
22 to 24 years	18.2	17.8	18.4	17.6	18.6	17.1	17.5	18.6	19.1
25 to 29 years	15.7	16.3	16.5	17.6	18.4	17.3	17.6	17.2	16.3
30 to 34 years	8.7	8.4	8.5	8.7	7.8	8.4	7.8	6.5	6.3
35 years and over	7.5	8.9	8.2	8.8	8.5	9.6	8.8	7.3	7.0
Female									
Total, 14 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years	2.6	3.1	3.0	2.9	3.3	3.3	3.7	4.4	3.9
18 and 19 years	26.3	25.5	27.1	26.8	28.9	30.5	30.0	31.2	33.9
20 and 21 years	19.8	19.7	19.7	20.3	22.2	21.3	22.2	24.1	24.4
22 to 24 years	14.8	13.9	13.9	13.5	14.4	13.4	13.1	13.5	12.0
25 to 29 years	13.2	13.3	12.5	13.7	11.6	11.9	11.9	10.5	9.8
30 to 34 years	9.9	9.0	8.6	8.5	6.6	7.2	6.7	5.7	5.2
35 years and over	13.5	15.5	15.2	14.3	13.1	12.4	12.3	10.6	10.8

Table 5. College Enrollment for Students 14 to 34 Years Old, by Type of College, Attendance Status, Age, and Sex: October 1970 to October 1980

(In thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, full-time status, and type of college	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
ALL COLLEGE STUDENTS											
Total, 14 to 34 years	10,180	9,978	9,839	10,218	9,944	9,690	8,821	8,173	8,308	8,082	7,413
ALL UNDERGRADUATES											
Total, 14 to 34 years	8,488	8,2[illegible]	8,158	8,408	8,270	8,108	7,338	6,794	6,992	6,895	6,274
14 to 19 years	3,182	3,156	3,173	3,184	3,216	3,237	2,906	2,812	2,974	3,008	2,856
20 and 21 years	2,393	2,308	2,247	2,376	2,358	2,255	2,131	2,031	2,065	[illegible],936	1,803
22 to 24 years	1,316	1,297	1,233	1,206	1,224	1,072	1,028	924	944	1,019	866
25 to 34 years	1,599	1,526	1,506	1,640	1,472	1,546	1,272	1,028	1,011	931	750
Public	(NA)	6,541	6,340	6,676	6,574	6,595	5,837	5,273	5,434	5,468	4,911
Private	(NA)	1,746	1,[illegible]6	1,722	1,690	1,505	1,494	1,515	1,532	1,424	1,363
Male, 14 to 34 years	4,111	4,106	4,188	4,372	4,301	4,393	4,030	3,791	3,982	4,017	3,627
Full time	3,192	3,163	3,[illegible]21	3,304	3,291	3,394	3,128	3,035	3,231	3,240	3,045
Part time	920	943	967	1,068	1,010	999	902	756	751	777	582
Female, 14 to 34 years	4,377	4,183	3,969	4,027	3,969	3,715	3,307	3,004	3,010	2,878	2,646
Full time	3,123	3,051	2,948	3,002	3,090	2,902	2,561	2,423	2,445	2,348	2,164
Part time	1,254	1,132	1,021	1,025	879	813	746	581	565	530	482
Full Time											
Total, 14 to 34 years	6,315	6,225	6,169	6,304	6,381	6,296	5,689	5,460	5,678	5,588	5,208
14 to 19 years	2,897	2,892	2,872	2,855	2,963	2,987	2,661	2,629	2,797	2,801	2,685
20 and 21 years	2,107	1,994	1,919	2,075	2,033	1,958	1,[illegible]	1,801	1,845	1,729	1,628
22 to 24 years	810	814	821	775	821	[illegible]	697	630	624	700	591
25 to 34 years	500	525	559	598	563	[illegible]	488	398	412	357	301
Part Time											
Total, 14 to 34 years	2,173	2,062	1,988	2,104	1,889	1,812	1,649	1,3[illegible]4	1,314	1,307	1,066
14 to 19 years	282	264	302	329	253	250	245	[illegible]83	177	207	169
20 and 21 years	286	314	328	301	325	297	289	[illegible]50	220	207	173
22 to 24 years	505	483	412	431	403	376	331	294	320	319	275
25 to 34 years	1,098	1,001	947	1,042	909	891	784	630	599	574	449
TWO-YEAR COLLEGE STUDENTS											
Total, 14 to 34 years	2,666	2,407	2,453	2,510	2,435	2,561	2,072	1,797	1,910	1,830	1,692
14 to 19 years	1,080	933	966	933	907	1,024	834	816	883	928	895
20 and 21 years	450	403	427	455	444	431	369	278	334	307	281
22 to 24 years	417	407	391	380	367	354	305	254	267	263	234
25 to 34 years	721	664	670	741	718	752	565	449	426	331	283
Public	(NA)	2,233	2,247	2,362	2,282	2,437	1,917	1,669	1,816	1,726	1,559
Private	(NA)	174	206	148	153	123	154	128	94	105	133
Male, 14 to 34 years	1,195	1,106	1,214	1,253	1,272	1,412	1,172	1,012	1,125	1,087	1,001
Full time	739	661	679	681	734	850	709	629	770	726	726
Part time	456	445	535	572	538	562	463	383	355	361	275
Female, 14 to 34 years	1,472	1,301	1,239	1,256	1,163	1,148	899	785	785	743	691
Full time	759	680	664	691	696	717	528	471	484	473	452
Part time	713	621	575	565	467	431	371	314	301	270	239
Full Time											
Total, 14 to 34 years	1,498	1,341	1,343	1,372	1,430	1,567	1,237	1,100	1,255	1,199	1,177
14 to 19 years	884	749	776	718	764	865	702	702	772	797	786
20 and 21 years	287	251	243	283	261	274	233	165	223	209	197
22 to 24 years	160	156	157	162	177	155	151	121	134	124	114
25 to 34 years	167	185	167	208	228	274	152	111	126	70	80
Part Time											
Total, 14 to 34 years	1,168	1,066	1,110	1,138	1,005	994	835	697	655	631	515
14 to 19 years	195	184	190	216	143	159	132	114	111	131	109
20 and 21 years	163	152	184	172	183	157	136	113	111	98	84
22 to 24 years	256	251	234	218	190	199	154	133	133	139	120
25 to 34 years	554	479	503	533	490	478	413	338	300	261	203
GRADUATE STUDENTS											
Total, 14 to 34 years	1,692	1,691	1,681	1,810	1,680	1,590	1,490	1,385	1,320	1,192	1,140
14 to 21 years	30	44	51	57	42	57	61	42	52	63	54
22 to 24 years	554	497	565	593	622	607	499	541	517	468	488
25 to 34 years	1,104	1,149	1,063	1,161	1,017	923	930	801	749	663	599
Public	(NA)	1,157	1,087	1,241	1,161	1,105	1,061	945	877	799	789
Private	(NA)	534	594	568	519	484	428	439	443	393	351
Male	914	888	935	995	994	949	897	887	872	833	774
Full time	500	469	477	548	542	542	457	467	481	480	432
Part time	414	419	458	447	452	407	440	420	391	353	342
Female	777	804	745	813	686	640	593	498	450	359	366
Full time	332	317	334	338	254	267	205	163	155	136	123
Part time	445	487	411	475	432	373	388	335	295	223	243

Note: For explanation of absence of 1980 public and private enrollment data see methodological note on page 3.

Table 6. Enrollment Status, for Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1980

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, race, and Spanish origin	Population	Enrolled in school						Not enrolled in school					
		Total		Below college level[1]		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
ALL RACES													
Total, 3 to 34 years	115,434	57,348	49.7	47,168	40.9	10,180	8.8	58,086	50.3	43,427	37.6	14,659	12.7
3 and 4 years	6,215	2,280	36.7	2,280	36.7	-	-	3,935	63.3	-	-	3,935	63.3
5 and 6 years	6,116	5,853	95.7	5,853	95.7	-	-	263	4.3	-	-	263	4.3
7 to 9 years	9,826	9,735	99.1	9,735	99.1	-	-	90	0.9	-	-	90	0.9
10 to 13 years	14,102	14,016	99.4	14,016	99.4	-	-	87	0.6	-	-	87	0.6
14 and 15 years	7,414	7,282	98.2	7,276	98.1	6	0.1	132	1.8	5	0.1	127	1.7
16 and 17 years	8,013	7,129	89.0	6,886	85.9	243	3.0	884	11.0	175	2.2	709	8.8
18 and 19 years	8,160	3,788	46.4	855	10.5	2,933	35.9	4,372	53.6	3,088	37.8	1,284	15.7
20 and 21 years	8,112	2,515	31.0	92	1.1	2,423	29.9	5,597	69.0	4,303	53.0	1,294	15.9
22 to 24 years	11,858	1,931	16.3	61	0.5	1,870	15.8	9,927	83.7	8,128	68.5	1,798	15.2
25 to 29 years	18,487	1,714	9.3	72	0.4	1,641	8.9	16,773	90.7	14,203	76.8	2,571	13.9
30 to 34 years	17,131	1,105	6.4	43	0.3	1,062	6.2	16,026	93.6	13,525	78.9	2,501	14.6
Male, 3 to 34 years	57,296	29,155	50.9	24,130	42.1	5,025	8.8	28,141	49.1	20,792	36.3	7,349	12.8
3 and 4 years	3,178	1,202	37.8	1,202	37.8	-	-	1,976	62.2	-	-	1,976	62.2
5 and 6 years	3,126	2,971	95.0	2,971	95.0	-	-	155	5.0	-	-	155	5.0
7 to 9 years	5,019	4,967	99.0	4,967	99.0	-	-	52	1.0	-	-	52	1.0
10 to 13 years	7,187	7,143	99.4	7,143	99.4	-	-	43	0.6	-	-	43	0.6
14 and 15 years	3,750	3,701	98.7	3,699	98.6	2	0.1	49	1.3	1	-	47	1.3
16 and 17 years	4,063	3,620	89.1	3,526	86.8	94	2.3	443	10.9	80	2.0	363	8.9
18 and 19 years	3,993	1,879	47.0	510	12.8	1,369	34.3	2,114	53.0	1,441	36.1	673	16.9
20 and 21 years	3,929	1,280	32.6	35	0.9	1,246	31.7	2,649	67.4	1,951	49.7	698	17.8
22 to 24 years	5,730	1,019	17.8	31	0.5	989	17.3	4,711	82.2	3,772	65.8	938	16.4
25 to 29 years	8,992	880	9.8	27	0.3	853	9.5	8,112	90.2	6,874	76.4	1,238	13.8
30 to 34 years	8,330	492	5.9	20	0.2	472	5.7	7,838	94.1	6,672	80.1	1,166	14.0
Female, 3 to 34 years	58,137	28,192	48.5	23,038	39.6	5,155	8.9	29,945	51.5	22,635	38.9	7,310	12.6
3 and 4 years	3,037	1,078	35.5	1,078	35.5	-	-	1,960	64.5	-	-	1,960	64.5
5 and 6 years	2,989	2,882	96.4	2,882	96.4	-	-	108	3.6	-	-	108	3.6
7 to 9 years	4,807	4,769	99.2	4,769	99.2	-	-	38	0.8	-	-	38	0.8
10 to 13 years	6,916	6,872	99.4	6,872	99.4	-	-	43	0.6	-	-	43	0.6
14 and 15 years	3,664	3,580	97.7	3,577	97.6	4	0.1	84	2.3	4	0.1	79	2.2
16 and 17 years	3,950	3,509	88.8	3,360	85.1	149	3.8	441	11.2	95	2.4	346	8.8
18 and 19 years	4,167	1,910	45.8	345	8.3	1,565	37.6	2,257	54.2	1,646	39.5	611	14.7
20 and 21 years	4,183	1,235	29.5	57	1.4	1,178	28.2	2,948	70.5	2,351	56.2	596	14.3
22 to 24 years	6,128	912	14.9	30	0.5	882	14.4	5,216	85.1	4,356	71.1	860	14.0
25 to 29 years	9,495	833	8.8	45	0.5	788	8.3	8,662	91.2	7,329	77.2	1,333	14.0
30 to 34 years	8,801	613	7.0	23	0.3	590	6.7	8,188	93.0	6,852	77.9	1,336	15.2
WHITE													
Total, 3 to 34 years	97,453	47,673	48.9	38,798	39.8	8,875	9.1	49,780	51.1	38,001	39.0	11,779	12.1
3 and 4 years	5,074	1,844	36.3	1,844	36.3	-	-	3,231	63.7	-	-	3,231	63.7
5 and 6 years	4,991	4,781	95.8	4,781	95.8	-	-	210	4.2	-	-	210	4.2
7 to 9 years	8,054	7,973	99.0	7,973	99.0	-	-	81	1.0	-	-	81	1.0
10 to 13 years	11,684	11,612	99.4	11,612	99.4	-	-	72	0.6	-	-	72	0.6
14 and 15 years	6,144	6,038	98.3	6,032	98.2	6	0.1	106	1.7	5	0.1	102	1.7
16 and 17 years	6,700	5,937	88.6	5,731	85.5	206	3.1	763	11.4	144	2.2	619	9.2
18 and 19 years	6,913	3,199	46.3	621	9.0	2,578	37.3	3,714	53.7	2,682	38.8	1,032	14.9
20 and 21 years	6,913	2,206	31.9	74	1.1	2,131	30.8	4,707	68.1	3,707	53.6	1,000	14.5
22 to 24 years	10,149	1,669	16.4	43	0.4	1,625	16.0	8,480	83.6	7,064	69.6	1,416	13.9
25 to 29 years	15,945	1,473	9.2	60	0.4	1,413	8.9	14,472	90.8	12,443	78.0	2,029	12.7
30 to 34 years	14,885	942	6.3	27	0.2	915	6.1	13,943	93.7	11,955	80.3	1,988	13.4
Male, 3 to 34 years	48,750	24,364	50.0	19,926	40.9	4,438	9.1	24,386	50.0	18,415	37.8	5,970	12.2
3 and 4 years	2,601	988	38.0	988	38.0	-	-	1,612	62.0	-	-	1,612	62.0
5 and 6 years	2,558	2,436	95.2	2,436	95.2	-	-	122	4.8	-	-	122	4.8
7 to 9 years	4,124	4,076	98.8	4,076	98.8	-	-	48	1.2	-	-	48	1.2
10 to 13 years	5,973	5,937	99.4	5,937	99.4	-	-	36	0.6	-	-	36	0.6
14 and 15 years	3,115	3,075	98.7	3,073	98.6	2	0.1	40	1.3	1	-	39	1.2
16 and 17 years	3,406	3,024	88.8	2,947	86.5	77	2.3	382	11.2	66	1.9	316	9.3
18 and 19 years	3,407	1,617	47.5	385	11.3	1,232	36.2	1,790	52.5	1,241	36.4	549	16.1
20 and 21 years	3,386	1,142	33.7	27	0.8	1,114	32.9	2,244	66.3	1,717	50.7	527	15.6
22 to 24 years	4,974	903	18.2	25	0.5	878	17.7	4,071	81.8	3,306	66.5	765	15.4
25 to 29 years	7,870	755	9.6	20	0.3	735	9.3	7,115	90.4	6,116	77.7	1,000	12.7
30 to 34 years	7,337	412	5.6	11	0.2	400	5.5	6,925	94.4	5,967	81.3	958	13.1
Female, 3 to 34 years	48,703	23,309	47.9	18,872	38.7	4,437	9.1	25,394	52.1	19,585	40.2	5,809	11.9
3 and 4 years	2,474	855	34.6	855	34.6	-	-	1,618	65.4	-	-	1,618	65.4
5 and 6 years	2,434	2,345	96.4	2,345	96.4	-	-	89	3.6	-	-	89	3.6
7 to 9 years	3,931	3,897	99.2	3,897	99.2	-	-	33	0.8	-	-	33	0.8
10 to 13 years	5,711	5,675	99.4	5,675	99.4	-	-	36	0.6	-	-	36	0.6
14 and 15 years	3,029	2,962	97.8	2,959	97.7	4	0.1	67	2.2	3	0.1	63	2.1
16 and 17 years	3,294	2,913	88.4	2,784	84.5	129	3.9	381	11.6	78	2.4	303	9.2
18 and 19 years	3,506	1,582	45.1	236	6.7	1,346	38.4	1,924	54.9	1,440	41.1	483	13.8
20 and 21 years	3,527	1,064	30.2	47	1.3	1,017	28.8	2,463	69.8	1,990	56.4	473	13.4
22 to 24 years	5,175	766	14.8	18	0.4	747	14.4	4,409	85.2	3,758	72.6	651	12.
25 to 29 years	8,075	719	8.9	40	0.5	678	8.4	7,356	91.1	6,327	78.4	1,029	12.7
30 to 34 years	7,548	530	7.0	15	0.2	514	6.8	7,018	93.0	5,988	79.3	1,030	13.6

See footnotes at end of table.

Table 6. Enrollment Status, for Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1980—Continued

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, race, and Spanish origin	Population	Enrolled in school						Not enrolled in school					
		Total		Below college level[1]		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
BLACK													
Total, 3 to 34 years	15,296	8,251	53.9	7,243	47.4	1,007	6.6	7,045	46.1	4,540	29.7	2,505	16.4
3 and 4 years	973	371	38.2	371	38.2	-	-	601	61.8	-	-	601	61.8
5 and 6 years	948	904	95.4	904	95.4	-	-	44	4.6	-	-	44	4.6
7 to 9 years	1,516	1,507	99.4	1,507	99.4	-	-	9	0.6	-	-	9	0.6
10 to 13 years	2,104	2,091	99.4	2,091	99.4	-	-	13	0.6	-	-	13	0.6
14 and 15 years	1,111	1,088	97.9	1,088	97.9	-	-	23	2.1	1	0.1	22	2.0
16 and 17 years	1,156	1,047	90.6	1,017	88.0	30	2.6	108	9.4	29	2.5	80	6.9
18 and 19 years	1,081	494	45.7	211	19.5	283	26.2	587	54.3	358	33.1	229	21.2
20 and 21 years	1,034	242	23.4	17	1.6	225	21.8	792	76.6	535	51.8	257	24.8
22 to 24 years	1,440	196	13.6	16	1.1	180	12.5	1,244	86.4	898	62.4	346	24.0
25 to 29 years	2,117	187	8.8	10	0.5	176	8.3	1,930	91.2	1,452	68.6	478	22.6
30 to 34 years	1,818	124	6.8	12	0.6	113	6.2	1,694	93.2	1,267	69.7	427	23.5
Male, 3 to 34 years	7,265	4,076	56.1	3,639	50.1	437	6.0	3,189	43.9	1,988	27.4	1,200	16.5
3 and 4 years	493	181	36.6	181	36.6	-	-	312	63.4	-	-	312	63.4
5 and 6 years	479	451	94.1	451	94.1	-	-	28	5.9	-	-	28	5.9
7 to 9 years	766	763	99.5	763	99.5	-	-	4	0.5	-	-	4	0.5
10 to 13 years	1,054	1,048	99.4	1,048	99.4	-	-	6	0.6	-	-	6	0.6
14 and 15 years	557	548	98.5	548	98.5	-	-	9	1.5	-	-	9	1.5
16 and 17 years	575	522	90.8	508	88.4	14	2.4	53	9.2	12	2.0	41	7.2
18 and 19 years	503	215	42.8	117	23.2	98	19.6	288	57.2	173	34.5	114	22.7
20 and 21 years	464	107	23.0	6	1.3	101	21.7	357	77.0	212	45.7	145	31.3
22 to 24 years	633	84	13.3	5	0.8	79	12.4	549	86.7	392	61.8	158	24.9
25 to 29 years	938	99	10.6	7	0.7	92	9.9	838	89.4	631	67.3	208	22.1
30 to 34 years	803	59	7.3	6	0.7	53	6.6	745	92.7	569	70.8	176	21.9
Female, 3 to 34 years	8,031	4,175	52.0	3,604	44.9	570	7.1	3,856	48.0	2,552	31.8	1,305	16.2
3 and 4 years	480	191	39.7	191	39.7	-	-	289	60.3	-	-	289	60.3
5 and 6 years	469	453	96.7	453	96.7	-	-	15	3.3	-	-	15	3.3
7 to 9 years	749	744	99.3	744	99.3	-	-	5	0.7	-	-	5	0.7
10 to 13 years	1,050	1,043	99.3	1,043	99.3	-	-	7	0.7	-	-	7	0.7
14 and 15 years	554	539	97.4	539	97.4	-	-	15	2.6	1	0.2	14	2.5
16 and 17 years	581	525	90.4	509	87.6	16	2.8	56	9.6	17	2.9	39	6.6
18 and 19 years	578	279	48.2	94	16.3	185	31.9	299	51.8	185	32.0	115	19.8
20 and 21 years	570	135	23.7	11	1.9	124	21.8	435	76.3	323	56.7	111	19.6
22 to 24 years	807	112	13.9	11	1.3	101	12.6	694	86.1	507	62.8	188	23.3
25 to 29 years	1,179	87	7.4	4	0.3	84	7.1	1,092	92.6	822	69.7	270	22.9
30 to 34 years	1,015	66	6.5	6	0.6	60	5.9	949	93.5	698	68.7	252	24.8
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Total, 3 to 34 years	8,552	4,263	49.8	3,819	44.7	443	5.2	4,289	50.2	1,911	22.3	2,378	27.8
3 and 4 years	602	172	28.5	172	28.5	-	-	430	71.5	-	-	430	71.5
5 and 6 years	520	491	94.5	491	94.5	-	-	29	5.5	-	-	29	5.5
7 to 9 years	860	847	98.4	847	98.4	-	-	14	1.6	-	-	14	1.6
10 to 13 years	1,166	1,162	99.7	1,162	99.7	-	-	4	0.3	-	-	4	0.3
14 and 15 years	602	568	94.3	568	94.3	-	-	34	5.7	-	-	34	5.7
16 and 17 years	555	454	81.8	445	80.1	10	1.7	101	18.2	9	1.7	92	16.5
18 and 19 years	597	226	37.8	89	14.9	137	22.9	371	62.2	138	23.2	233	39.0
20 and 21 years	570	111	19.5	17	2.9	94	16.6	459	80.5	222	38.9	237	41.6
22 to 24 years	795	93	11.7	9	1.2	84	10.5	702	88.3	379	47.6	323	40.6
25 to 29 years	1,226	84	6.9	15	1.2	69	5.6	1,142	93.1	640	52.2	501	40.9
30 to 34 years	1,058	54	5.1	5	0.5	49	4.7	1,004	94.9	523	49.4	481	45.4
Male, 3 to 34 years	4,230	2,110	49.9	1,887	44.6	222	5.3	2,120	50.1	921	21.8	1,199	28.3
3 and 4 years	331	100	30.1	100	30.1	-	-	231	69.9	-	-	231	69.9
5 and 6 years	248	233	94.0	233	94.0	-	-	15	6.0	-	-	15	6.0
7 to 9 years	415	405	97.7	405	97.7	-	-	10	2.3	-	-	10	2.3
10 to 13 years	595	591	99.4	591	99.4	-	-	3	0.6	-	-	3	0.6
14 and 15 years	283	274	96.7	274	96.7	-	-	8	3.3	-	-	9	3.3
16 and 17 years	270	220	81.5	218	80.8	2	0.6	50	18.5	1	0.4	49	18.1
18 and 19 years	310	114	36.9	46	14.8	68	22.1	196	63.1	62	20.0	134	43.1
20 and 21 years	279	60	21.4	7	2.6	52	18.8	219	78.6	104	37.1	115	41.4
22 to 24 years	382	41	10.7	7	1.9	34	8.8	341	89.3	177	46.4	164	42.9
25 to 29 years	585	40	6.8	3	0.6	36	6.2	546	93.2	311	53.1	235	40.1
30 to 34 years	534	33	6.2	4	0.7	30	5.6	501	93.8	266	49.9	234	43.9
Female, 3 to 34 years	4,322	2,153	49.8	1,932	44.7	221	5.1	2,169	50.2	990	22.9	1,179	27.3
3 and 4 years	271	72	26.6	72	26.6	-	-	199	73.4	-	-	199	73.4
5 and 6 years	273	259	94.9	259	94.9	-	-	14	5.1	-	-	14	5.1
7 to 9 years	446	441	99.0	441	99.0	-	-	4	1.0	-	-	4	1.0
10 to 13 years	571	571	99.9	571	99.9	-	-	-	0.1	-	-	-	0.1
14 and 15 years	319	294	92.1	294	92.1	-	-	25	7.9	-	-	25	7.9
16 and 17 years	286	235	82.2	227	79.4	8	2.8	51	17.8	8	2.8	43	15.0
18 and 19 years	287	111	38.8	43	15.0	68	23.8	176	61.2	76	26.6	99	34.6
20 and 21 years	291	51	17.6	9	3.2	42	14.4	240	82.4	118	40.5	122	41.9
22 to 24 years	414	52	12.6	2	0.5	50	12.1	361	87.4	202	48.8	160	38.6
25 to 29 years	640	44	6.9	12	1.8	33	5.1	596	93.1	329	51.4	267	41.7
30 to 34 years	524	21	4.1	2	0.3	20	3.8	503	95.9	257	48.9	247	47.0

[1] Includes nursery school, kindergarten, and grades 1 to 12.
[2] Persons of Spanish origin may be of any race.

Appendix A. Source and Reliability of the Estimates

SOURCE OF DATA

The estimates of school enrollment in 1980 are based on data obtained in October 1980 from the Current Population Survey (CPS) conducted by the Bureau of the Census. The CPS sample was initially selected from the 1970 census file and is updated continuously to reflect new construction where possible. The October sample was spread over 629 areas comprising 1,133 counties, independent cities and minor civil divisions with coverage in each of the 50 States and the District of Columbia. The sample is composed of approximately 66,000 occupied households that are eligible for interview. Of this number, about 2,500 occupied units were visited, but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason. For a description of the CPS sample designs prior to 1980, see the detailed report for 1979 in this series.

The estimation procedure used for this survey involved the inflation of the weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, race and sex. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the strength of the Armed Forces.

RELIABILITY OF THE ESTIMATES

Since the estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided for this report primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data. The full extent of the nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

Use of school enrollment data for persons of Spanish origin. Methodological changes have occurred in 1980 resulting in relatively large increases in the estimated number and proportion of children 3 to 13 years old who are of Spanish origin. Consequently, when using school enrollment data for persons of Spanish origin, particular care should be exercised in comparing 1980 estimates of the total number of children enrolled in nursery school, kindergarten, and/or elementary school to those estimates from earlier years. These changes do not affect, however, school enrollment rates reported for persons of Spanish origin.

Sampling variability. The standard errors presented in tables A-1 and A-2 are primarily measures of sampling variability; that is, of the variations that occurred by chance because a sample rather than the whole of the population was surveyed. The sample estimate and its standard error enable one to construct interval estimates that include the average result of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under identical conditions using the same sample design; and an estimate and its standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

The average result of all possible samples may or may not be contained in any particular computed interval. However, for a particular sample one can say with specified confidence that the average result of all possible samples is included within the constructed interval.

All statements of comparison in the text are significant at a confidence of 90 percent or better and most are significant at a confidence greater than 95 percent. This means that for most differences cited in the text, the estimated difference is greater than twice the standard error of the difference. Statements of comparison qualified in some way (e.g., by the use of the phrase, "some evidence") have a confidence coefficient between 90 percent and 95 percent.

Note when using small estimates. Percent distributions are shown in this report only when the base of the percentage is greater than 75,000. Because of the large standard errors involved, there is little chance that percentages would reveal useful information when computed on a smaller base. Estimated numbers of persons are shown, however, even though the relative standard errors of these numbers are larger than those for the corresponding percentages. These smaller estimates are provided primarily to permit those combinations of the categories which serve each user's needs.

Standard errors for data based on CPS. Since this is an advance report, standard errors are provided in tables A-1 and A-2 and standard error parameters are provided in table A-3 for estimated numbers of persons and estimated percentages for only certain characteristics which are considered the most important among the data in the report.

More detailed standard error tables for each characteristic of interest for estimated numbers of persons and estimated percentages are provided in the detailed report for 1979 in this series. A more complete source and reliability statement for the 1980 data will be published with the forthcoming 1980 detailed report.

Standard errors of estimated numbers and estimated percentages. The approximate standard errors of estimated

Table A-1. Standard Errors of Estimated Numbers of Persons Enrolled in School for the Total, Black, and Spanish-Origin Population: October 1980

(Numbers in thousands)

Enrollment	Total		Black		Spanish origin	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Total enrolled.....	57,348	256	8,250	102	4,263	126
Nursery.....	1,987	54	294	22	146	24
Private.....	1,354	46	115	14	75	17
Kindergarten.....	3,176	65	490	29	263	32
Private.....	486	29	50	9	30	11
Elementary.....	27,449	211	4,259	92	2,363	95
Private.....	3,051	78	202	24	228	30
High school.....	14,556	163	2,200	72	1,048	63
College.....	10,180	139	1,007	51	443	42
Full time.....	7,147	118	723	44	294	34

Source: Estimates from table 1.

Table A-2. Standard Errors of Estimated Percentages of Persons 3 to 34 Years Old Enrolled in School for the Total, Black, and Spanish-Origin Population: October 1980

Age	Total		Black		Spanish origin	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Total, 3 to 34 years...	49.7	0.2	53.9	0.7	49.8	1.1
3 and 4 years.....	36.7	0.8	38.2	2.1	28.5	3.6
5 and 6 years.....	95.7	0.3	95.4	0.9	94.5	2.0
7 to 9 years.....	99.1	0.14	99.4	0.3	98.4	0.8
10 to 13 years.....	99.4	0.09	99.4	0.3	99.7	0.3
14 and 15 years.....	98.2	0.2	97.9	0.7	94.3	1.9
16 and 17 years.....	89.0	0.5	90.6	1.4	81.8	3.2
18 and 19 years.....	46.4	0.8	45.7	2.5	37.8	3.9
20 and 21 years.....	31.0	0.7	23.4	2.2	19.5	3.3
22 to 24 years.....	16.3	0.5	13.6	1.5	11.7	2.2
25 to 29 years.....	9.3	0.3	8.8	1.0	6.9	1.4
30 to 34 years.....	6.4	0.3	6.8	1.0	5.1	1.3

Source: Estimates from table 6.

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numbers and percentages can be computed directly with formulas (1) and (2) below, respectively. The formulas are:

$$\sigma_x = \sqrt{ax^2 + bx} \qquad (1)$$

where "x" is the size of the estimate and "a" and "b" are the parameters associated with the characteristic; and

$$\sigma_{(x,p)} = \sqrt{\frac{b}{x} \cdot p \cdot (100-p)} \qquad (2)$$

where "x" is the size of the subclass of the population which is the base of the percentage, "p" is the percentage ($0 < p < 100$), and "b" is the parameter associated with the characteristic.

Table A-3 provides the values of the "a" and "b" parameters that are used in formulas (1) and (2) to approximate standard errors of estimated numbers of persons and estimated percentages.

Standard error of a difference. For a difference between two sample estimates, the standard error is approximately equal to

$$\sigma_{(x-y)} \doteq \sqrt{\sigma_x^2 + \sigma_y^2} \qquad (5)$$

where σ_x and σ_y are the standard errors of the estimates x and y; the estimates can be numbers, percents, ratios, etc. This will represent the estimated standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between two separate and uncorrelated characteristics in the same area. If, however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Table A-3. Parameters to be Used for Each School Enrollment Characteristic for the Direct Computation of Standard Errors

Characteristic	Parameters	
	a	b
Educational attainment and school enrollment:		
Total or White.....	-0.000016	2064
Black or other.....	-0.000186	2792
Spanish origin.....	-0.000025	3851
Kindergarten and nursery school enrollment:		
All races.....	-0.000126	1738
Spanish origin.....	-0.000025	3851